

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 17	
2. Amendment/Modification No. 0002		3. Effective Date 2005FEB17		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By HQ AFSC AMSFS-CCA-F JEREMY H. MILLER (309)782-5213 ROCK ISLAND, IL 61299-6500 BLDGS 350 & 390 EMAIL: MILLERJ@AFSC.ARMY.MIL		Code W52P1J		7. Administered By (If other than Item 6) Code			
				SCD PAS ADP PT			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)				<input checked="" type="checkbox"/>		9A. Amendment Of Solicitation No. W52P1J-04-R-0198	
				<input type="checkbox"/>		9B. Dated (See Item 11) 2005JAN13	
				<input type="checkbox"/>		10A. Modification Of Contract/Order No.	
				<input type="checkbox"/>		10B. Dated (See Item 13)	
Code		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. 2005MAR04 03:00pm Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning <u>2 signed</u> copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required)							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/>		A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A.				The Changes Set Forth In Item 14 Are Made In	
<input type="checkbox"/>		B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).					
<input type="checkbox"/>		C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:					
<input type="checkbox"/>		D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE SECOND PAGE FOR DESCRIPTION							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print)			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed	

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 2 of 17
	PIIN/SIIN W52P1J-04-R-0198	MOD/AMD 0002	

Name of Offeror or Contractor:

SECTION A - SUPPLEMENTAL INFORMATION
Amendment 002 to Solicitation W52P1J-04-R-0198

The purpose of this Amendment is:

- 1.To delete paragraph 2 of Amendment 1 in its entirety.
- 2.To revise Section C clause C-1 52.210-4501, Drawings/Specifications for CLINs 0001 and 0002 in their entirety. Note: CLIN 0001 exceptions were erroneously listed under CLIN 0002 exceptions, and vise versa.
- 3.To extend the closing date is hereby extended to 1500 (CST), March 04, 2005.

*** END OF NARRATIVE A 003 ***

Name of Offeror or Contractor:

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

Status	Regulatory Cite	Title	Date
C-1 CHANGED	52.210-4501 LOCAL	DRAWINGS/SPECIFICATIONS	MAR/1988

In addition to the drawing(s) and/or specifications listed below, other documents which are part of this procurement and which apply to Preservation/Packaging/Packing and Inspection and Acceptance are contained elsewhere.

The following drawing(s) and specifications are applicable to this procurement.

Drawings and Specifications in accordance with enclosed Technical Data Package Listing.

Section C Technical Data

CLIN: 0001AB
TDPL: 7259207:19201
NSN: 1305001809268
NOMENCLATURE : CTG 20MM M55A2 TP W/M14A2 LINK PRT

All Packaging drawings listed in this TDPL should be identified as Distribution Statement A.
Drawing 19200 7259158: Combination of Adopted Items should also include the method of Unitization for this package. The method of unitization is as per 28620 1948-4116/15A Unitization Procedures for Boxed Ammunition and Components on 4-Way Entry Pallets, Cartridge 20mm (M548 Metal Box, 40"x48" Pallet).
Drawing 19200 8794342: Use revision AB in place of revision AC. Revision AC has errors and is missing information. Use revision AB until revision AD is available. Delete "DX" in PREFIX COLUMN.

Container marking Drawing 19200 7258928 shall be used for this solicitation/contract (drawings 7259079 and 7259237 shall not be used). Drawings 19200 12982865 Rev G Minimum Marking Instructions for Ammunition and Explosive Containers and 19200 12999545 Rev A Two-Dimensional Barcode Ammunition Label Instructions for Ammunition and Explosive Containers are required for this solicitation/contract and should be directly associated with the container marking drawing. Drawings 7258960, 7258960, 7258962, 7258964, 7258966, 7259015 Delete PPP-C-1752 Replace with A-A-59135.

ADD:
HCSDS REV DATE NOMEN REF-DOC
30 E 12/9/77 Nitroglycerin MIL-N-246
31 D 06/16/83 Nitrocellulose MIL-DTL-244
439 E 10/31/83 Dinitrotoluene MIL-D-204
38 F 01/25/93 Potassium Nitrate MIL-P-156
773 A 06/12/75 Potassium Sulfate MIL-P-193
408 B 05/12/81 Diphenylamine MIL-D-98
482 B 05/12/81 Dibutylphthalate MIL-D-218
10067 A 10/24/84 Sodium Sulfate MIL-S-50004
10068 A 9/11/85 Tin Dioxide MIL-S-50005
10098 A 10/24/84 Calcium Carbonate MIL-C-293
10152 A 10/24/84 Calcium Silicide MIL-C-324
10153 A 11/23/92 Trinitroresorcinol (TNR) 7548063
10161 B 10/24/84 Graphite MIL-G-155

All inspection drawings, which do not already have a Distribution Statement, shall be Disribution D; DOD & Contractors.
"All product drawings, which do not already have a Distribution Statement, shall be Disribution D; DOD & Contractors."

Specifications:	Delete	Add
	-----	-----
	MIL-C-46552C Amd 2	MIL-C-46552C

(i.e. Do not use amendment to MIL-C-46552)

CHANGES TO DRAWINGS WITHIN TDP: 7548063
Change: "ACACIA, TECHNICAL (GUM ARABIC), SPEC JJJ-A-20"
TO: "ACACIA, TECHNICAL (GUM ARABIC), PER DRAWING 12990883"
9326796

Name of Offeror or Contractor:

Change: Note 1
".... MIL-STD-100" TO: ".... ASME Y14.100"
Change: Note 2
"DIBUTYLPHTHALATE, SPEC MIL-D-218%"
TO:
"DIBUTYLPHTHALATE, SPEC ASTM-D608% (NOTE 6)"
ADD: NOTE 6
"6. Dibutyl phthalate per ASTM D608 with the following exceptions
Apparent Specific Gravity MIN MAX
20/20C 1.044 1.054
25/25C N/A
Acidity (as phthalic acid)
% by weight 0.03
Water, Max weight % N/A
Odor N/A
Determine Ester content per ASTM D1617 using 98C procedure and titrate with 0.5N hydrochloric acid."
Change: Approved Source of Supply
From
"PRIMEX TECHNOLOGIES
P.O. BOX 222
ST. MARKS, FL 32355"

TO:
"St. Marks Powder
General Dynamics
7121 Coastal Highway
Crawfordville, FL 32327"
7259195
CHANGE:
FROM: "PROJECTILE, 20MM, INERT CHARGED - 7259088
(M50 SERIES) - NOTE 7"
TO: "PROJECTILE, 20MM, TARGET PRACTICE, M55A3 - 11075781"
CHANGE:
FROM: "CASE, CARTRIDGE, PRIMED - 9381752 (NOTE 7)"
TO: "CASE, CARTRIDGE, PRIMED - 9381752"
7259191
DELETE:
" OR PROJECTILE, 20MM, TARGET PRACTICE, M55A4B1 - 9342861. NOTE 7"
" OR CASE, CARTRIDGE, 20MM, M103A1 - 11075813"
7258817
DELETE:
" OR CASE, CARTRIDGE, 20MM, M103A1 - 11075813"
7259361
Change:
"ADVISORY: ALUMINUM ALLOY BARS, RODS AND WIRE (FREE MACHINING),
QQ-A-365; ROD, COMP A, T3"
TO:
"ADVISORY: ALUMINUM ALLOY ROD, 2011-T3, SPEC ASTM B211"
EL 7553815 Sheet 3
Change:
"WEIGHT SCALES B 7259434 AD"
TO:
"WEIGHT SCALE, COMMERCIAL, 200 GRAM CAPACITY, CAPABLE OF CALIBRATION, ACCURATE WITHIN 0.1% OF FULL SCALE READING."
7259792 Sheet 1
Change Note 1:
"FINISH (EXTERIOR) 5.1.1 + 24.4 OF MIL-STD-171..."
TO:
"FINISH (EXTERIOR) 5.1.1 + 24.15 OF MIL-STD-171..."
Delete Dwg 11075201 "DEFICIENCY"
Cancelled Specifications

Drawing Delete: Replace with:
11075202 MIL-L-52043* MIL-E-11195
11075224 MIL-L-52043* MIL-E-11195
11075781 TT-E-516 Not replaced, MIL-E-11195 is existing alternate 7147028 MIL-W-45233 MIL-W-45233 (continue to use)

<p>CONTINUATION SHEET</p>	<p>Reference No. of Document Being Continued</p> <p>PIIN/SIIN W52P1J-04-R-0198 MOD/AMD 0002</p>	<p>Page 5 of 17</p>
----------------------------------	---	-----------------------------------

Name of Offeror or Contractor:

*(referenced in MIL-STD-171)

MIL-P-50774

CHANGE: Paragraph 4.3.1.b. Firing test:

FROM: "4,000 Projectiles, painted"

TO: "800 Projectiles, painted"

MIL-P-50774, Amd 3

DELETE (on page 2 of Amendment):

"Customers, through the procuring activity, may modify this requirement and base acceptance on firing bursts of 50 shots in a M61 Gun."

MIL-C-46540B Amd 2 CHANGE (on page 2 of Amendment):

"Case First Article Test: 2000 2000**"

TO:

"Case First Article Test: 500 500"

MIL-P-1394 Amd 5

DELETE (on page 4 of Amendment):

"1/ Customers, through the procuring activity, may substitute the M61 Weapon for acceptance of primers that will be used to fulfill their orders."

CHANGE (on page 4 of Amendment):

"All other 20mm Ammunition: 300 1/Primer First Article Test: 1100 1/"

TO:

"All other 20mm Ammunition: 300 Primer First Article Test: 1100"

7147028 CALLS OUT PE SPEC MIL-L-12997F PAGE 2 - UNDER PRODUCT AND PACKAGING DRAWINGS SAYS 7145025 SHOULD BE 7147025

DISREGARD THE DEFICIENCY NOTICE THAT SAYS "EL11075781..."

ADD THE FOLLOWING DWGS TO THE TDPL:

DWG REV SHEETS

12990883 C 1 OF 1

1948-4116/15A 08 4 SHTS

12982865 G 9 SHTS

12999545 A 15 SHTS

QS 8794342 C 2 SHTS

10534816 H 1 SHEET

9381752 - 1 SHEET

DELETE THE FOLLOWING DWGS FROM THE TDPL:

10542425

11075113

11075114

11075120

11075121

11075131

11075813

12597836

12910011

5044151

5822578

5556577

6135813

6135815

7258849

7259079

7259087

7259146

7259148

7259192

7259231

7259237

7259271

7259275

7259365

7259485

7259486

7298407

7553222

7553258

7553259

7553261

Name of Offeror or Contractor:

9342861
9392532
9392533
9392534
9392535
9392536
9392537

Add the following documents:

MIL-D-1000
MIL-I-45607
MIL-C-45662
MIL-STD-9
MIL-STD-1461
MIL-R-11589
MIL-STD-129
MIL-STD-147
MIL-C-8514
ASQCB1
ASQCB2
ASQCB3
ANSI Q 9000
ANSI Q 9004
ASTM-D-3951
ASTM-A-109
ASTM-A-366
ASTM-D-610
ASTM-D-1654
ASTM-D-3359
ISO 8402
ISO 9004
FED-STD-151
FED-STD-313
ORD-M608-11
NN-P-71
A-A-50186
DOD-P-15328
GM9540P-97

CLIN: 0002
TDPL: 7259158:19201
NSN: 1305007561675
NOMENCLATURE : CTG 20MM M55A2 TP M12 LINK

ENGINEERING EXCEPTIONS: The Following Engineering Exceptions Apply To This Procurement Action(s):
ADD:

HCSDS REV DATE NOMEN REF-DOC
30 E 12/9/77 Nitroglycerin MIL-N-246
31 D 06/16/83 Nitrocellulose MIL-DTL-244
439 E 10/31/83 Dinitrotoluene MIL-D-204
38 F 01/25/93 Potassium Nitrate MIL-P-156
773 A 06/12/75 Potassium Sulfate MIL-P-193
408 B 05/12/81 Diphenylamine MIL-D-98
482 B 05/12/81 Dibutylphthalate MIL-D-218
10067 A 10/24/84 Sodium Sulfate MIL-S-50004
10068 A 9/11/85 Tin Dioxide MIL-S-50005
10098 A 10/24/84 Calcium Carbonate MIL-C-293
10152 A 10/24/84 Calcium Silicide MIL-C-324
10153 A 11/23/92 Trinitroresorcinol (TNR) 7548063
10161 B 10/24/84 Graphite MIL-G-155

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W52P1J-04-R-0198MOD/AMD 0002	Page 7 of 17
--------------------	---	--------------

Name of Offeror or Contractor:

Remove: HCSDS 129, 10192.

All Packaging drawings listed in this TDPL should be identified as Distribution A.

Drawing 19200 7259207: Combination of Adopted Items should also include the method of Unitization for this package. The method of unitization is as per 28620 19-48-4116/15A Unitization Procedures for Boxed Ammunition and Components on 4-Way Entry Pallets, Cartridge 20mm (M548 Metal Box, 40"x48" Pallet).

Drawing 19200 8794342: Use revision AB in place of revision AC. Revision AC has errors and is missing information. Use revision AB until revision AD is available. Delete "DX" from PREFIX COLUMN.

Container marking Drawing 19200 7258928 shall be used for this solicitation/contract (drawings 7259079 and 7259237 shall not be used).

Drawings 19200 12982865 Rev G Minimum Marking Instructions for Ammunition and Explosive Containers and 19200 12999545 Rev A Two-Dimensional Barcode Ammunition Label Instructions for Ammunition and Explosive Containers are required for this solicitation/contract and should be directly associated with the container marking drawing.

Drawings 7258960, 7258961, 7258962, 7258964, 7258966, 7259015 Delete spec PPP-C-1752 and Replace with A-A59135.

"All product drawings, which do not already have a Distribution Statement, shall be Disribution D; DOD & Contractors."

All inspection drawings, which do not already have a Distribution Statement, shall be Disribution D; DOD & Contractors.

Specifications: Delete Add

MIL-C-46552C Amd 2 MIL-C-46552C

(i.e. Do not use amendment to MIL-C-46552)

CHANGES TO DRAWINGS WITHIN TDP:

7548063 Change: "ACACIA, TECHNICAL (GUM ARABIC), SPEC JJJ-A-20"

TO: "ACACIA, TECHNICAL (GUM ARABIC), PER DRAWING 12990883" 9326796 Change: Note 1 "... MIL-STD-100" TO: "... ASME Y14.100"

Change: In Note 2. "DIBUTYLPHthalATE, SPEC MIL-D-218%"

TO: "DIBUTYLPHthalATE, SPEC ASTM-D608% (NOTE 6)"

ADD: NOTE 6 "6. Dibutyl phthalate per ASTM D608 with the following exceptions Apparent Specific Gravity MIN MAX

20/20C 1.044 1.054

25/25C N/A

Acidity (as phthalic acid)

% by weight 0.03

Water, Max weight % N/A

Odor N/A

Determine Ester content per ASTM D1617 using 98C procedure and titrate with 0.5N hydrochloric acid."

Change: Approved Source of Supply

From:

"PRIMEX TECHNOLOGIES

P.O. BOX 222

ST. MARKS, FL 32355"

TO:

"St. Marks Powder

General Dynamics

7121 Coastal Highway

Crawfordville, FL 32327"

7259195 CHANGE:

FROM: "PROJECTILE, 20MM, INERT CHARGED 7259088 (M50 SERIES) - NOTE 7"

TO: "PROJECTILE, 20MM, TARGET PRACTICE, M55A3 - 11075781"

CHANGE:

FROM: "CASE, CARTRIDGE, PRIMED - 9381752 (NOTE 7)"

TO: "CASE, CARTRIDGE, PRIMED - 9381752"

7259191

DELETE:

" OR PROJECTILE, 20MM, TARGET PRACTICE, M55A4B1 - 9342861. NOTE 7"

" OR CASE, CARTRIDGE, 20MM, M103A1 - 11075813" 7258817

DELETE: " OR CASE, CARTRIDGE, 20MM, M103A1 - 11075813" 7259361

Change:

"ADVISORY: ALUMINUM ALLOY BARS, RODS AND WIRE (FREE MACHINING), QQ-A-365; ROD, COMP A, T3"

TO:

"ADVISORY: ALUMINUM ALLOY ROD, 2011-T3, SPEC ASTM B211" EL 7553815 Sheet 3

Change:

"WEIGHT SCALES B 7259434 AD"

TO:

"WEIGHT SCALE, COMMERCIAL, 200 GRAM CAPACITY, CAPABLE OF CALIBRATION, ACCURATE WITHIN 0.1% OF FULL SCALE READING." 7259792 Sheet 1

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN W52P1J-04-R-0198 MOD/AMD 0002</p>	<p style="text-align: center;">Page 8 of 17</p>
--	---	---

Name of Offeror or Contractor:

Change Note 1: "FINISH (EXTERIOR) 5.1.1 + 24.4 OF MIL-STD-171..."

TO:

"FINISH (EXTERIOR) 5.1.1 + 24.15 OF MIL-STD-171..."

Cancelled Specifications

Drawing Delete Replace with

11075202 MIL-L-52043* MIL-E-11195

11075224 MIL-L-52043* MIL-E-11195

11075781 TT-E-516 Not replaced, MIL-E-11195 is existing alternate

*(referenced in MIL-STD-171)

First Article and production acceptance testing for Function and

Casualty of M52A3B1 primers should be performed in the M61 gun (as

permitted by Amendment). Other conditions of specification remain the same. MIL-C-46540B Amd 2

CHANGE (on page 2 of Amendment):

"Case First Article Test: 2000 2000**"

TO:

"Case First Article Test: 1000 " MIL-C-46552C

CHANGE: Paragraph 4.5.8

FROM: "...The test sample shall be fired in bursts of 50 cartridges and shall be divided and fired in equal numbers in the M39 and M61 weapons. The weapon barrels shall be at ambient temperature at the beginning of test and cooled to ambient after each 100 rounds. The cyclic rate of each burst shall not be less than 1400 shots per minute (spm) in the M39 gun and 5500 spm in the M61 gun. The cyclic rate for each burst shall be recorded."

TO: "... The test sample shall be fired in bursts of 50 cartridges in the M61 weapon. The weapon barrels shall be at ambient temperature at the beginning of test and cooled to ambient after each 100 rounds. The cyclic rate of each burst shall not be less than 5500 shots per minute in the M61 gun. The cyclic rate for each burst shall be recorded."

CHANGE: NOTE 11 TO TABLE I

FROM: "11/ Function and casualty. The lot shall be rejected if any malfunction or firing casualty of Table II occurs in number(s) equal to or greater than the applicable 'Rej' number. Except as otherwise provided, if malfunctions or casualties occur in excess of the applicable "Acc" number, but less than the applicable "Rej" number, a second sample of 800 cartridges shall be divided and fired in equal numbers in the M39 and M61 guns. The lot shall be rejected if in the combined samples, malfunctions or casualties occur in numbers equal to or greater than the applicable "Rej" number."

TO: "11/ Function and casualty. The lot shall be rejected if any malfunction or firing casualty of Table II occurs in number(s) equal to or greater than the applicable 'Rej' number. Except as otherwise provided, if malfunctions or casualties occur in excess of the applicable "Acc" number, but less than the applicable "Rej" number, a second sample of 800 cartridges shall be fired in the M61 gun. The lot shall be rejected if in the combined samples, malfunctions or casualties occur in numbers equal to or greater than the applicable "Rej" number." MIL-P-50774

CHANGE: Paragraph 4.3.1.b. Firing test:

FROM: "4,000 Projectiles, painted"

TO: "800 Projectiles, painted"

CHANGE: Paragraph 4.5.8

FROM: "... The test cartridges, at ambient temperature, will be fired in bursts of 50 shots in an M39 gun..."

TO: "... The test cartridges, at ambient temperature, will be fired in bursts of 50 rounds in an M61 gun..." MIL-P-50774, Amd 3

DELETE (on page 2 of Amendment):

"Customers, through the procuring activity, may modify this requirement and base acceptance on firing bursts of 50 shots in a M61 Gun."

Add the following drawings to the TDPL: (Based on Jan '04 Tracker TDPL)

DWG REV SHEETS

12990883 C 1 Sheet

1948-4116/15A 08 4 Sheets

12982865 G 9 Sheets

12999545 A 15 Sheets

10534816 H 1 Sheet

9381752 - 1 Sheet

PL8447633 C 1 Sheet

8447634 J 1 Sheet

8447635 G 1 Sheet

8447859 F 1 Sheet

7190390 B 1 Sheet

7190394 B 1 Sheet

7190398 C 1 Sheet

7190406 D 1 Sheet

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W52P1J-04-R-0198 MOD/AMD 0002	Page 9 of 17
---------------------------	---	----------------------------

Name of Offeror or Contractor:

7190456 B 1 Sheet
 7190457 B 1 Sheet
 7190458 B 1 Sheet
 7190471 K 7 Sheets
 7190482 B 1 Sheet
 7274001 J 3 Sheets
 8409005 C 2 Sheets
 8440919 C 3 Sheets
 11838231 C 6 Sheets
 11838232 B 1 Sheet
 11838277 A 1 Sheet
 Delete the following drawings from the TDPL: (Based on Jan '04 Tracker TDPL)
 10542425
 11016581
 11075113
 11075114
 11075120
 11075121
 11075131
 11075813
 12597836
 12910011
 5044151
 5822578
 5556577
 6135813
 6135815
 7147025
 EL7147025
 7147026
 EL7147026
 7147027
 EL7147027
 PL7147028
 7187494
 7190032
 7190052
 7190053
 7190249
 7190252
 7190256
 7190267
 7190358
 7190403
 7190404
 7190405
 7190492
 7190493
 7258849
 7259079
 7259087
 7259146
 7259148
 7259192
 7259231
 7259237
 7259271
 7259275
 7259365
 7259485
 7259486
 7298407
 7553222
 7553258
 7553259

<p>CONTINUATION SHEET</p>	<p>Reference No. of Document Being Continued</p> <p>PIIN/SIIN W52P1J-04-R-0198 MOD/AMD 0002</p>	<p>Page 10 of 17</p>
----------------------------------	---	-----------------------------

Name of Offeror or Contractor:

7553261
8409284
8415411
EL8415411
8415842
8415843
8415858
8415859
9342861
9392532
9392533
9392534
9392535
9392536
9392537
Add the documents to the TDP:
MIL-D-1000
MIL-I-45607
MIL-C-45662
MIL-R-11589
MIL-C-8514
MIL-STD-9
MIL-STD-1461
MIL-STD-129
ISO 8402
ISO 9004
ORD-M608-11
NN-P-71
PPP-B-676
A-A-50186
GM9540P-97
ASQC B1
ASQC B2
ASQC B3
ANSI Q 9000
ANSI Q 9004
ASTM-A-109
ASTM-A-366
ASTM-D-610
ASTM-D-1654
ASTM-D-3359
ASTM-F-519
FED-STD-151
FED-STD-313
DOD-P-15328
THE FOLLOWING DWGS ARE BEING DELETED FROM TDPL DTD 22 JUN 04
11075813 SHT 1 OF 1 REV E
EL11075813 3 SHTS REV C
LI11075813 SHT 1 OF 1 REV -
11838145 5 SHTS REV B
11838147 SHT 1 OF 1 REV A
12910231 SHT 1 OF 1 REV -
PL12910231 SHT 1 OF 1 REV -
12910232 SHT 1 OF 1 REV -
PL12910232 SHT 1 OF 1 REV -
12910233 SHT 1 OF 1 REV A
7258839 SHT 1 OF 1 REV C
7258840 SHT 1 OF 1 REV D
7258928 SHT 1 OF 1 REV V
7258941 SHT 1 OF 1 REV D
PL7258941 SHT 1 OF 1 REV D
7258942 SHT 1 OF 1 REV E
PL7258942 SHT 1 OF 1 REV E
7258943 SHT 1 OF 1 REV L
7258958 SHT 1 OF 1 REV D

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W52P1J-04-R-0198 MOD/AMD 0002	Page 11 of 17
--------------------	--	---------------

Name of Offeror or Contractor:

7258959 SHT 1 OF 1 REV C
 7259079 SHT 1 OF 1 REV D
 7259151 SHT 1 OF 1 REV A
 7259237 SHT 1 OF 1 REV K
 7553205 SHT 1 OF 1 REV B
 8400004 SHT 1 OF 1 REV A
 8441498 SHT 1 OF 1 REV A
 8448023 3 SHTS REV K,J,J
 11075193 SHT 1 OF 1 REV A
 11075194 SHT 1 OF 1 REV A
 11075227 2 SHTS REV D
 11075781 SHT 1 OF 1 REV L
 EL11075781 SHT 1 OF 1 REV B
 LI11075781 SHT 1 OF 1 REV B
 PL11075781 SHT 1 OF 1 REV E
 11691592 SHT 1 OF 1 REV B
 12910011 SHT 1 OF 1 REV -
 5044151 SHT 1 OF 1 REV C
 5044159 SHT 1 OF 1 REV C
 5044162 SHT 1 OF 1 REV C
 5322578 SHT 1 OF 1 REV C
 5556577 SHT 1 OF 1 REV B
 6135813 SHT 1 OF 1 REV A
 6135815 SHT 1 OF 1 REV C
 6135816 SHT 1 OF 1 REV C
 7259434 SHT 1 OF 1 REV A
 7259744 SHT 1 OF 1 REV C
 7259784 SHT 1 OF 1 REV B
 7259786 SHT 1 OF 1 REV B
 7259787 SHT 1 OF 1 REV B
 7553222 SHT 1 OF 1 REV C
 7553436 2 SHTS REV A
 7553437 SHT 1 OF 1 REV -
 7553438 SHT 1 OF 1 REV -
 7553439 SHT 1 OF 1 REV B
 7553440 SHT 1 OF 1 REV A
 7553441 SHT 1 OF 1 REV A
 7553442 SHT 1 OF 1 REV B
 7553443 SHT 1 OF 1 REV B
 7553444 SHT 1 OF 1 REV B
 7553445 SHT 1 OF 1 REV B
 7553446 SHT 1 OF 1 REV B
 7553447 SHT 1 OF 1 REV A
 7553448 SHT 1 OF 1 REV A
 7553449 SHT 1 OF 1 REV A
 7553450 SHT 1 OF 1 REV A
 7553453 SHT 1 OF 1 REV A
 8409004 SHT 1 OF 1 REV H
 9342861 SHT 1 OF 1 REV A
 9392532 7 SHTS REV -
 THE FOLLOWING DWGS ARE BEING ADDED TO TDPL DTD 22 JUN 04
 7258961 2 SHTS REV E
 10523424 2 SHTS REV A,-
 11016581 2 SHTS REV C,B
 11075092 1 OF 1 REV -
 11075105 2 SHTS REV C
 11075107 SHT 1 OF 1 REV B
 11075108 SHT 1 OF 1 REV B
 11075109 SHT 1 OF 1 REV B
 11075111 SHT 1 OF 1 REV A
 11075112 SHT 1 OF 1 REV A
 11075117 SHT 1 OF 1 REV B
 11075118 SHT 1 OF 1 REV C
 11075123 SHT 1 OF 1 REV A
 11075124 SHT 1 OF 1 REV A

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W52P1J-04-R-0198MOD/AMD 0002	Page 12 of 17
Name of Offeror or Contractor:		
11075125 SHT 1 OF 1 REV A		
11075126 SHT 1 OF 1 REV -		
11075127 SHT 1 OF 1 REV -		
11075128 SHT 1 OF 1 REV -		
11075129 SHT 1 OF 1 REV -		
11075130 SHT 1 OF 1 REV -		
EL11075210 2 SHTS REV F		
11075217 8 SHTS REV B,-,-,-,-,B,-,B		
11075225 SHT 1 OF 1 REV B		
11075226 SHT 1 OF 1 REV B		
11075229 SHT 1 OF 1 REV A		
11075293 SHT 1 OF 1 REV -		
11075294 SHT 1 OF 1 REV -		
11075296 SHT 1 OF 1 REV -		
11075297 2 SHTS OF 1 REV -		
11075301 SHT 1 OF 1 REV A		
11075304 SHT 1 OF 1 REV -		
11830811 SHT 1 OF 1 REV F		
11832286 SHT 1 OF 1 REV C		
11838231 6 SHTS REV C		
11838232 SHT 1 OF 1 REV B		
11838277 SHT 1 OF 1 REV A		
5039430 SHT 1 OF 1 REV C		
5039436 SHT 1 OF 1 REV B		
7147028 2 SHTS REV AK		
7161967 SHT 1 OF 1 REV C		
7191621 SHT 1 OF 1 REV C		
7191622 SHT 1 OF 1 REV D		
7259195 SHT 1 OF 1 REV F		
7259301 2 SHTS REV B		
7259302 SHT 1 OF 1 REV J		
7259354 12 SHTS REV D,D,D,D,D,D,G,G,D,D,D,E		
7259357 4 SHTS REV A		
7259358 SHT 1 OF 1 REV B		
7259366 SHT 1 OF 1 REV C		
7259367 3 SHTS REV B,A,A		
7259369 SHT 1 OF 1 REV B		
7259446 SHT 1 OF 1 REV A		
7259468 SHT 1 OF 1 REV B		
7259470 SHT 1 OF 1 REV C		
EL7259470 SHT 1 OF 1 REV -		
7259475 SHT 1 OF 1 REV A		
7259476 SHT 1 OF 1 REV A		
7259513 SHT 1 OF 1 REV A		
7259611 SHT 1 OF 1 REV A		
EL7259747 3 SHTS REV H		
EL7259748 2 SHTS REV J		
EL7259749 2 SHTS REV F		
EL7259750 2 SHTS REV H		
EL7259754 SHT 1 OF 1 REV G		
7259790 18 SHTS REV A		
7259791 14 SHTS REV C,C,B,C,C,C,B,B,B,B,B,B,B		
7259792 4 SHTS REV A		
7268702 3 SHTS BE,BE,BC		
7548085 SHT 1 OF 1 REV D		
7553247 3 SHTS REV B,B,A		
7584596 SHT 1 OF 1 REV B		
7585089 SHT 1 OF 1 REV 12		
7671434 SHT 1 OF 1 REV A		
EL7671434 SHT 1 OF 1 REV -		
7790853 SHT 1 OF 1 REV A		
PL7790853 SHT 1 OF 1 REV C		
QS7790853 5 SHTS REV B		
7790854 SHT 1 OF 1 REV E		
7790855 SHT 1 OF 1 REV E		

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p> PIIN/SIIN W52P1J-04-R-0198 MOD/AMD 0002 </p>	<p style="text-align: center;">Page 13 of 17</p>
--	---	---

Name of Offeror or Contractor:

7792281 SHT 1 OF 1 REV L
7793376 3 SHTS REV D
PL7793376 3 SHTS REV D,B,C
QS7793376 8 SHTS REV -
8228867 SHT 1 OF 1 REV J
8407178 SHT 2 OF 1 REV F
8409167 SHT 1 OF 1 REV A
8409284 SHT 1 OF 1 REV B
8409596 SHT 1 OF 1 REV C
8410272 SHT 1 OF 1 REV B
8410273 SHT 1 OF 1 REV A
8410274 SHT 1 OF 1 REV A
8410275 SHT 1 OF 1 REV A
8410276 SHT 1 OF 1 REV A
8410277 SHT 1 OF 1 REV B
8410278 SHT 1 OF 1 REV C
EL8410278 SHT 1 OF 1 REV -
8410279 SHT 1 OF 1 REV B
EL8410279 SHT 1 OF 1 REV -
8410280 SHT 1 OF 1 REV H
PL8410280 SHT 1 OF 1 REV -
8410281 SHT 1 OF 1 REV E
EL8410281 SHT 1 OF 1 REV -
PL8410281 SHT 1 OF 1 REV -
8410950 2 SHTS REV G,J
EL8415411 SHT 1 OF 1 REV -
8415842 SHT 1 OF 1 REV B
8415843 SHT 1 OF 1 REV B
8415858 SHT 1 OF 1 REV A
8415859 SHT 1 OF 1 REV A
8432397 SHT 1 OF 1 REV -
8435977 SHT 1 OF 1 REV A
8435978 SHT 1 OF 1 REV A
8435979 SHT 1 OF 1 REV A
8435981 SHT 1 OF 1 REV A
8435987 SHT 1 OF 1 REV B
8436072 SHT 1 OF 1 REV A
8436073 SHT 1 OF 1 REV A
8436074 SHT 1 OF 1 REV A
8436075 SHT 1 OF 1 REV A
8436076 SHT 1 OF 1 REV A
8436077 SHT 1 OF 1 REV A
8595523 SHT 1 OF 1 REV D
8648769 SHT 1 OF 1 REV A
8648770 SHT 1 OF 1 REV A
8648771 SHT 1 OF 1 REV A
LI8656290 SHT 1 OF 1 REV L
8657201 SHT 1 OF 1 REV G
9349840 5 SHTS REV A

CLIN: 0003
TDPL: 9344281:19200
NSN: 1305-01-1164560
NOMENCLATURE : CTG 20MM M55A2 SGL TP RD BP

ENGINEERING EXCEPTIONS: The Following Engineering Exceptions Apply To This Procurement Action(s):
Per MIL-STD-1261, 12479550 has been added to the Pullfile.
Delete HCSDSs 129 and 10192.
Add: HCSDS Rev Date Nomenclature Ref-Doc
30 E 12/9/77 Nitroglycerin MIL-N-246
31 D 6/16/83 Nitrocellulose MIL-DTL-244

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W52P1J-04-R-0198 MOD/AMD 0002	Page 14 of 17
--------------------	--	---------------

Name of Offeror or Contractor:

38 F 1/25/93 Potassium Nitrate MIL-P-156
408 B 5/12/81 Diphenylamine MIL-D-98
439 E 10/31/83 Dinitrotoluene MIL-D-204
482 B 5/12/81 Dibutylphthalate MIL-D-218
773 A 6/12/75 Potassium Sulfate MIL-P-193
10067 A 10/24/84 Sodium Sulfate MIL-S-50004
10068 A 9/11/85 Tin Dioxide MIL-S-50005
10098 A 10/24/84 Calcium Carbonate MIL-C-293
10152 A 10/24/84 Calcium Silicide MIL-C-324
10153 A 11/23/93 Trinitroresorcinol (TNR) 7548063
10161 B 10/24/84 Graphite MIL-G-155

"All product drawings, which do not already have a Distribution Statement, shall be Disribution D; DOD & Contractors."

Specifications: Delete Add

MIL-C-46552C Amd 2 MIL-C-46552C
(i.e. Do not use amendment to MIL-C-46552)

CHANGES TO DRAWINGS WITHIN TDP:
7548063 Change: "ACACIA, TECHNICAL (GUM ARABIC), SPEC JJJ-A-20"
TO: "ACACIA, TECHNICAL (GUM ARABIC), PER DRAWING 12990883" 9326796 Change: Note 1
"... MIL-STD-100"
TO: "... ASME Y14.100" Change: In Note 2. "DIBUTYLPHthalate, SPEC MIL-D-218%"
TO: "DIBUTYLPHthalate, SPEC ASTM-D608% (NOTE 6)" 9326796 Add: Note 6
"6. Dibutyl phthalate per ASTM D608 with the following exceptions
Apparent Specific Gravity MIN MAX
20/20C 1.044 1.054
25/25C N/A
Acidity (as phthalic acid)
% by weight 0.03
Water, Max weight % N/A
Odor N/A
Determine Ester content per ASTM D1617 using 98C procedure and
titrate with 0.5N hydrochloric acid."
9326796 Change: Approved Source of Supply
"PRIMEX TECHNOLOGIES
P.O. BOX 222
ST. MARKS, FL 32355"
TO:
"St. Marks Powder
General Dynamics
7121 Coastal Highway
Crawfordville, FL 32327"
7259195 Change:
FROM: "PROJECTILE, 20MM, INERT CHARGED - 7259088
(M50 SERIES) - NOTE 7"
TO: "PROJECTILE, 20MM, TARGET PRACTICE, M55A3 - 11075781"
Change:
FROM: "CASE, CARTRIDGE, PRIMED - 9381752 (NOTE 7)"
TO: "CASE, CARTRIDGE, PRIMED - 9381752"
7259191 Delete:
" OR PROJECTILE, 20MM, TARGET PRACTICE, M55A4B1 - 9342861. NOTE 7"
" OR CASE, CARTRIDGE, 20MM, M103A1 - 11075813"
7258817 Delete:
" OR CASE, CARTRIDGE, 20MM, M103A1 - 11075813" 7259361
Change: "ADVISORY: ALUMINUM ALLOY BARS, RODS AND WIRE (FREE MACHINING), QQ-A-365; ROD, COMP A, T3"
TO: "ADVISORY: ALUMINUM ALLOY ROD, 2011-T3, SPEC ASTM B211"
EL 7553815 Sheet 3 Change:
"WEIGHT SCALES B 7259434 AD"
TO:
"WEIGHT SCALE, COMMERCIAL, 200 GRAM CAPACITY, CAPABLE OF CALIBRATION, ACCURATE WITHIN 0.1% OF FULL SCALE READING." 7259792 Sheet 1;
Change Note 1:
"FINISH (EXTERIOR) 5.1.1 + 24.4 OF MIL-STD-171..."
TO:

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN W52P1J-04-R-0198 MOD/AMD 0002</p>	<p style="text-align: center;">Page 15 of 17</p>
--	---	---

Name of Offeror or Contractor:

"FINISH (EXTERIOR) 5.1.1 + 24.15 OF MIL-STD-171..."
Cancelled Specifications

Drawing Replace With

11075202 MIL-L-52043* MIL-E-11195
11075224 MIL-L-52043* MIL-E-11195
11075781 TT-E-516 Not replaced, MIL-E-11195 is existing
Alternate *(referenced in MIL-STD-171)

MIL-P-1394 Amd 5

First Article and production acceptance testing for Function and Casualty of M52A3B1 primers should be performed in the M61 gun (as permitted by Amendment). Other conditions of specification remain the same.
MIL-C-46540B Amd 2

CHANGE (on page 2 of Amendment):
"Case First Article Test: 2000 2000**"
TO:
"Case First Article Test: 1000 "
MIL-C-46552C
CHANGE: Paragraph 4.5.8
FROM: "...The test sample shall be fired in bursts of 50 cartridges and shall be divided and fired in equal numbers in the M39 and M61 weapons.
The weapon barrels shall be at ambient temperature at the beginning of test and cooled to ambient after each 100 rounds. The cyclic rate of each burst shall not be less than 1400 shots per minute (spm) in the M39 gun and 5500 spm in the M61 gun. The cyclic rate for each burst shall be recorded."
TO: "... The test sample shall be fired in bursts of 50 cartridges in the M61 weapon. The weapon barrels shall be at ambient temperature at the beginning of test and cooled to ambient after each 100 rounds. The cyclic rate of each burst shall not be less than 5500 shots per minute in the M61 gun. The cyclic rate for each burst shall be recorded."
CHANGE: NOTE 11 TO TABLE I
FROM: "11/ Function and casualty. The lot shall be rejected if any malfunction or firing casualty of Table II occurs in number(s) equal to or greater than the applicable 'Rej' number. Except as otherwise provided, if malfunctions or casualties occur in excess of the applicable "Acc" number, but less than the applicable "Rej" number, a second sample of 800 cartridges shall be divided and fired in equal numbers in the M39 and M61 guns. The lot shall be rejected if in the combined samples, malfunctions or casualties occur in numbers equal to or greater than the applicable "Rej" number."
TO: "11/ Function and casualty. The lot shall be rejected if any malfunction or firing casualty of Table II occurs in number(s) equal to or greater than the applicable 'Rej' number. Except as otherwise provided, if malfunctions or casualties occur in excess of the applicable "Acc" number, but less than the applicable "Rej" number, a second sample of 800 cartridges shall be fired in the M61 gun. The lot shall be rejected if in the combined samples, malfunctions or casualties occur in numbers equal to or greater than the applicable "Rej" number."
MIL-P-50774

CHANGE: Paragraph 4.3.1.b. Firing test:
FROM: "4,000 Projectiles, painted"
TO: "800 Projectiles, painted"
CHANGE: Paragraph 4.5.8
FROM: "... The test cartridges, at ambient temperature, will be fired in bursts of 50 shots in an M39 gun..."
TO: "... The test cartridges, at ambient temperature, will be fired in bursts of 50 rounds in an M61 gun..."
MIL-P-50774, Amd 3

DELETE (on page 2 of Amendment):
"Customers, through the procuring activity, may modify this requirement and base acceptance on firing bursts of 50 shots in a M61 Gun."

Add the following drawings to the TDP/TDPL: (Based on 8/9/2004 SAP TDPL)
DWG REV SHEETS
12990883 C 1
10523424 A 2
11075092 - 1
11075111 A 1
11075112 A 1
11075117 B 1
11075118 C 1
11075123 A 1

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 16 of 17
	PIIN/SIIN W52P1J-04-R-0198	MOD/AMD 0002	

Name of Offeror or Contractor:

11075124 A 1
11075125 A 1
11075126 - 1
11075127 - 1
11075128 - 1
11075129 - 1
11075130 - 1
EL11075210 F 2
11075217 B 8
11075225 B 1
11075226 B 1
11075229 A 1
11075301 A 1
11075304 - 1
5039430 C 1
5039436 B 1
7147028 AK 2 REF
7259195 F 1
7259304 B 1
7259354 G 12
7259357 A 4
7259358 B 1
7259366 C 1
7259367 B 3
7259369 B 1
7259419 A 1
7259468 B 1
7259470 C 1
EL7259470 - 1
7259475 A 1
7259476 A 1
7259513 A 1
7259545 E 3
EL7259747 H 3
EL7259748 J 2
EL7259749 F 2
EL7259750 H 2
EL7259754 G 1
7259790 B 18
7259792 A 4
7553247 B 3
7584596 B 1
7585089 12 1
7671434 A 1
EL7671434 - 1
8228867 J 1
8436072 A 1
8436073 A 1
8436074 A 1
8436075 A 1
8436076 A 1
8436077 A 1
8595523 D 1
8655592 C 1
9381752 - 1 REF
Delete the following drawings from the TDP/TDPL: (Based on 8/9/2004 SAP TDPL)
11075193
11075194
11075227
11075813
EL11075813
LI11075813
7259275
9342861
All Packaging drawings listed in this TDPL should be identified as Distribution A. This includes drawings 7258928, 7258950, 9341818,

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 17 of 17
	PIIN/SIIN W52P1J-04-R-0198	MOD/AMD 0002	

Name of Offeror or Contractor:

9344119, and 9344286.

Drawing 19200 7259207: Combination of Adopted Items should also include the method of Unitization for this package. The method of unitization is as per 28620 19-48-4116/15C. Unitization Procedures for Boxed Ammunition and Components on 4-Way Entry Pallets, Cartridge 20mm (M548 Metal Box, 40"x48" Pallet). Drawing 19200 8794342: Delete revision AC in place of revision AD.

Container marking Drawing 19200 7258928 shall be used (drawing 7259079 shall not be used) and Drawings 19200 12982865 Rev G Minimum Marking Instructions for Ammunition and Explosive Containers and 19200 12999545 Rev A Two-Dimensional Barcode Ammunition Label Instructions for Ammunition and Explosive Containers should be used in place of MIL-STD-129-1.

Drawing 19200 7258949 Rev P is needed for this TDPL. Drawing 19200 7259079 is not needed for this TDPL.

The following "Equipment Lists" (ELs) do not belong in the Packaging Section, but rather belong in the Inspection Drawing and Documents Section of this TDPL:

7258943,7258944, 7258945, 7258946, and 7258950.

The following "Parts Lists" (PLs) should be removed from the TDPL: 7258943, 7258944,7258945, and 9344119.

Add the following specifications and Standards:

MIL-D-1000

MIL-I-45607

MIL-C-45662

MIL-R-11589

MIL-C-8514

MIL-STD-9

MIL-STD-1461

ISO 8402

ISO 9004

ORD-M608-11

NN-P-71

PPP-B-676

A-A-50186

GM9540P-97

ASQC B1

ASQC B2

ASQC B3

ANSI Q9000

ANSI Q9004

ASTM-A-366

ASTM-D-610

ASTM-D-1654

ASTM-D-3359

ASTM-F-519

DOD-P-15328

(CS6100)